

PLUS REQUEST FORM

Serial # of Application: 101081090 Today's DATE: 10 Feb 03

Requester's Name: V. TAYLOR Room#: 8001

Art Unit: 2862 Phone Number: 305-4470

Number of patents you want returned (50 to 300): 50

The **title, abstract, background** and **brief summary** are scanned. Scanning claims has been shown to provide less useful results, therefore claims are not normally scanned.

Key words to emphasize (optional): _____

Key words: The system **cannot search phrases**, only words. To search words with fewer than 2 or more than 50 characters, or any words with numbers in them, please list them as key words.

If you submit a case by 2:30 p.m., the technician will return the case and the results to your office or mailbox by 12:00 p.m. on the following work day. You will **only** be called if there is a problem with PLUS and the results are not ready.

10081090_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents. Returned

From A Search of 10081090 on February 10, 2003

12 702/16 (7 OR, 5 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/2 .Earth science
 702/14 ..Seismology
 702/16 ...Specific display system (e.g., mapping, profiling)

7 702/14 (2 OR, 5 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/2 .Earth science
 702/14 ..Seismology

6 367/38 (4 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/38 ..Signal analysis and/or correction

6 367/73 (3 OR, 3 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/73 ..Synthetic seismograms and models

4 367/59 (0 OR, 4 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/38 ..Signal analysis and/or correction
 367/59 ...Compositing system

3 367/25 (1 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/25 .Well logging

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- 3 367/37 (1 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
- 3 367/47 (1 OR, 2 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/38 ..Signal analysis and/or correction
 367/47 ...Amplitude
- 3 367/50 (0 OR, 3 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/38 ..Signal analysis and/or correction
 367/50 ...Timing correction
- 3 367/75 (3 OR, 0 XR)
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
 367/14 SEISMIC PROSPECTING
 367/37 .Land-reflection type
 367/75 ..Shear wave
- 3 702/17 (0 OR, 3 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/2 .Earth science
 702/14 ..Seismology
 702/17 ...Filtering or noise reduction/removal
- 3 702/18 (1 OR, 2 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
 702/2 .Earth science
 702/14 ..Seismology
 702/18 ...Velocity of seismic wave
- 2 181/105 (0 OR, 2 XR)
 Class 181 : ACOUSTICS

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181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/102	.Well logging
181/105	..Bore hole or casing condition
2 181/106	(1 OR, 1 XR)
Class 181 :	ACOUSTICS
181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/102	.Well logging
181/106	..Seismic wave generation
2 181/112	(2 OR, 0 XR)
Class 181 :	ACOUSTICS
181/101	GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/108	.Seismic source and detector
181/112	..Plural detectors
2 299/16	(1 OR, 1 XR)
Class 299 :	MINING OR IN SITU DISINTEGRATION OF HARD MATERIAL
299/10	PROCESSES
299/16	.Breaking down by direct contact with fluid
2 324/323	(1 OR, 1 XR)
Class 324 :	ELECTRICITY: MEASURING AND TESTING
324/323	OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
2 324/344	(0 OR, 2 XR)
Class 324 :	ELECTRICITY: MEASURING AND TESTING
324/323	OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
324/344	.With radiant energy or nonconductive-type receiver
2 367/14	(0 OR, 2 XR)
Class 367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
2 367/31	(2 OR, 0 XR)
Class 367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/25	.Well logging
367/28	..Amplitude measurement
367/31	...Of noncompressional acoustic wave energy
2 367/35	(1 OR, 1 XR)
Class 367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES

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367/14	SEISMIC PROSPECTING
367/25	.Well logging
367/35	..Borehole or casing condition
2 367/49	(0 OR, 2 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/37	.Land-reflection type
367/38	..Signal analysis and/or correction
367/49	...Frequency
2 367/57	(0 OR, 2 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/37	.Land-reflection type
367/38	..Signal analysis and/or correction
367/56	...Particular source-receiver array
367/57Vertical receiver or source array
2 367/68	(2 OR, 0 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/37	.Land-reflection type
367/68	..Display systems
2 367/70	(0 OR, 2 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/37	.Land-reflection type
367/68	..Display systems
367/70	...Color
2 367/74	(0 OR, 2 XR)
Class 367	: COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14	SEISMIC PROSPECTING
367/37	.Land-reflection type
367/74	..Format conversion
2 702/11	(1 OR, 1 XR)
Class 702	: DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
702/1	MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2	.Earth science

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702/6 ...Well logging or borehole study
702/11 ...Formation characteristic

2 702/9 (0 OR, 2 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2 .Earth science
702/6 ..Well logging or borehole study
702/9 ...Drilling

10081090_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10081090 on February 10, 2003

Original Classifications

7 702/16
4 367/38
3 367/73
3 367/75
2 181/112
2 367/31
2 367/68
2 702/14

Cross-Reference Classifications

5 702/14
5 702/16
4 367/59
3 367/50
3 367/73
3 702/17
2 181/105
2 324/344
2 367/14
2 367/25
2 367/37
2 367/38
2 367/47
2 367/49
2 367/57
2 367/70
2 367/74
2 702/18
2 702/9

Combined Classifications

12 702/16
7 702/14
6 367/38
6 367/73
4 367/59
3 367/25
3 367/37
3 367/47
3 367/50
3 367/75
3 702/17
3 702/18

10081090_CLS

2 181/105
2 181/106
2 181/112
2 299/16
2 324/323
2 324/344
2 367/14
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2 702/9

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10081090_LIST

PLUS Search Results for S/N 10081090, Searched February 10, 2003

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10081090_QUAL

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10081090_QUAL

above 6
absence 2
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accompanying 1
accordance 2
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adapted 1
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and 23
another 2
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apparent 1
applicability 1
application 2
applications 1
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art 1
as 4
attenuation 2
attribute 3
background 1
based 3
be 5
become 2
been 2
being 1
below 6
brief 1
by 2
can 2
cd 1
change 1
changes 1
compared 1
comprised 1
computation 1
computer 4
containing 1
cross 1
cut 1
data 9
defining 2
derived 4
described 1

description 7
 detailed 6
 detect 1
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 disclosure 1
 drawings 2
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 embodiment 2
 energy 2
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 etc 1
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 horizon 6
 however 1

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illustrated 1
illustrates 5
illustrating 1
illustration 2
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including 1
indigo 1
infer 2
inserted 1
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intended 1
interest 6
interesting 1
invention 8
is 6
it 1
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known 1
layer 6
limitative 1
loading 1
located 2
low 1
lower 2
mainframe 1
map 3
mappable 3
maps 1
matter 1
may 1
measurable 1
measurement 1
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number 1
obtained 1
obvious 1
of 56
on 3
one 2
only 2
or 9

other 1
 over 2
 package 1
 pair 2
 parameter 3
 pending 1
 personal 1
 plurality 6
 possible 1
 preferential 1
 preferred 2
 presence 5
 present 7
 presented 2
 prior 1
 produces 3
 propagate 2
 propagating 3
 proportional 2
 provisional 1
 reading 1
 reference 1
 referring 1
 reflector 6
 related 1
 relates 1
 represenstive 1
 representing 1
 respect 1
 response 1
 responsive 1
 rock 9
 rom 1
 said 1
 scope 2
 second 2
 seismic 21
 serial 1
 shift 3
 should 1
 show 2
 signal 4
 signals 2
 silicon 1
 since 1
 six 1
 skilled 1
 software 2

source 1
sparc 1
specific 3
spectra 7
spectrum 2
spirit 1
stores 1
stthth 1
subject 1
sun 1
superimposed 1
system 3
target 1
that 4
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therein 1
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through 3
time 6
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traces 3
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utility 1
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various 1
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will 4
window 8
windows 2
with 5
within 1
workstation 6
workstations 1
zone 5

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